**Index of Claims** 

| App | lication | /Control | No |
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10/667,933

Examiner Michael C. Wimer Applicant(s)/Patent under Reexamination

SUGANTHAN ET AL.

Art Unit

2828

| <b>√</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

|          |          |                 |               |           | _        | Claim Date                                       |                 |          |          |                 |          |  |          |          |          | Claim Date |          |          |          |          |  |            |          |                         |   |          |          |          |              |                |
|----------|----------|-----------------|---------------|-----------|----------|--|-----------------|----------|----------|-----------------|----------|--|----------|----------|----------|------------|----------|----------|----------|----------|--|------------|----------|-------------------------|---|----------|----------|----------|--------------|----------------|
| Cla      | aim      | Date            |               |           |          |  |                 | 4        | Cla      | im              | n Date   |  |          |          |          |            |          |          |          | CI       | aim  | Date       |          |                         |   |          |          |          |              |                |
| Final    | Original | 11/17/05        |               |           |          |  |                 |          |          | Final           | Original |  |          |          |          |            |          |          |          |          | Final  | Original   |          |                         |   |          |          |          |              |                |
|          | 1        | 1               |               | T         | 1        | t  | H               |          | 1        |                 | 51       | T  |          |          | 7        |            | $\dashv$ | $\dashv$ |          | ┪        |  | 101        |          | 1                       | +   | $\top$   | T        |          | П            |                |
|          | 2        | 1               |               | T         | $\vdash$ | Т  | П               | $\neg$   | 7        |                 | 52       | Т  | Г        |          | ┪        | 寸          | ┪        | $\dashv$ | 十        | ┪.       | $\vdash$   | 102        | $\neg$   | 十                       | 十   | †        | T        |          |              |                |
|          | 3        | 1               |               |           |          |  | П               |          | 7        |                 | 53       |  |          |          | ヿ        |            |          |          |          | 7        |  | 103        |          | T                       | T   | 1        | 1        | Г        | _            |                |
|          | 4        |                 |               |           |          |  | П               | T        | 7        |                 | 54       |  |          |          | $\neg$   | $\neg$     |          | T        | 丁        | 7        |  | 104        |          | T                       | ┪   | 1        |          |          | П            | Г              |
|          | 5        |                 |               |           | Τ        |  | П               |          | 7        |                 | 55       |  |          |          | 一        |            |          | T        |          | 7        |  | 105        |          | T                       | T   | $\top$   |          |          |              |                |
|          | 6        | 1               |               | 1         |          |  | П               |          | 7        |                 | 56       | Ι  |          |          | $\neg$   | $\neg$     |          | $\neg$   |          |          |  | 106        |          | T                       | T   | Τ        | T        |          |              | Г              |
|          | 7        | 1               |               | $\top$    | 1        | Г  | П               |          | 7        |                 | 57       | Г  | $\Box$   | $\Box$   | ヿ        | ヿ          | ヿ        | $\dashv$ | $\neg$   | 7        |  | 107        |          | T                       | 十   | $\top$   | 1        |          | Г            |                |
|          | 8        | 1               |               |           | 1        |  |                 |          | 7        |                 | 58       |  |          |          |          | T          | ヿ        | 寸        | T        | 7        |  | 108        |          |                         | Т   | T        | 1        |          |              | Г              |
|          | 9        | 1               |               |           | П        |  |                 |          | 7        |                 | 59       |  |          |          | コ        | $\neg$     |          | $\neg$   |          | 7        |  | 109        |          | T                       | 1   | T        | T        |          |              | Г              |
|          | 10       | 1               |               |           |          |  |                 |          | ]        |                 | 60       |  |          |          |          |            |          |          | T        |          |  | 110        |          | Т                       |   | Т        | T        |          |              | Г              |
|          | 11       | 1               |               |           |          |  |                 | [        | ]        |                 | 61       |  |          |          |          |            |          |          |          | ]        |  | 111        |          | Т                       | Т   | Τ        | Τ        |          |              |                |
|          | 12       | 4               |               | $\perp$   |          | $\Box$   | $\Box$          |          | ]        |                 | 62       |  |          |          |          |            | ┚        |          |          | _]       |  | 112        |          | $oldsymbol{\mathbb{T}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $\Gamma$ | $\Box$   |          |              |                |
|          | 13       | 1               |               |           |          |  |                 |          |          |                 | 63       |  |          |          |          |            |          |          |          | _]       |  | 113        |          | $\mathbf{I}$            |   |          |          |          |              |                |
| L        | 14       | 1               |               |           | L        | oxdot  | Ш               |          |          |                 | 64       | 匚  |          |          |          |            |          | $\bot$   | $\bot$   |          |  | 114        |          |                         |   | $\perp$  |          |          |              |                |
| <u></u>  | 15       | 1               | $\perp$       | $\perp$   | <u> </u> | otacluster                                       | Ш               |          | 1        |                 | 65       | L  | Щ        |          |          | $\Box$     | $ \bot $ |          |          |          |  | 115        |          | $\perp$                 | $\perp$   | ┸        | ┖        | <u>L</u> | _            | <u> </u>       |
|          | 16       | 1               |               | 1_        |          |  | $\sqcup$        |          | 4        |                 | 66       | <u> </u>   |          |          |          |            |          | $\perp$  | $\perp$  | ╛.       | $oxed{oxed}$                                     | 116        |          | $\perp$                 | $\perp$   | ┸        |          |          | L            |                |
|          | 17       |                 |               |           | _        |  | Ш               |          | 1        |                 | 67       |  |          |          | _        | _          |          | _        | $\perp$  | ]        | <u></u>  | 117        |          | ᆚ                       | $\perp$   | ┸        | ╙        | L        | <u></u>      | L              |
|          | 18       | L               |               |           | ↓_       |  | Ш               |          | _        |                 | 68       |  |          | _        |          |            |          |          | $\perp$  |          | <u></u>  | 118        |          | $\perp$                 | $\perp$   | ┸        | ┖        |          |              | <u>L</u>       |
| <u></u>  | 19       | 1               |               | $\perp$   | <u> </u> |  |                 |          | _        |                 | 69       | $ldsymbol{ld}}}}}}$ | Щ        | $\Box$   |          |            | _        | $\perp$  |          | _        | L  | 119        |          | $\perp$                 | $\perp$   | ┸        |          |          |              |                |
| L        | 20       | 1               |               |           |          | L  | Ш               |          | ╛        |                 | 70       |  |          |          | $\sqcup$ |            |          | $\perp$  |          |          |  | 120        |          | $\perp$                 |   |          |          |          |              | <u> </u>       |
|          | 21       | 1               |               |           |          |  | Ш               |          | _        |                 | 71       | L  | Ш        |          |          |            |          |          | $\perp$  | _        |  | 121        |          | $\perp$                 |   | $\perp$  | <u> </u> | ot       | _            |                |
| <u></u>  | 22       | V               |               | $\perp$   | ┖        | L.   |                 | $\perp$  | ╛        |                 | 72       | L  | Ш        | _        |          | _          | _        | $\perp$  |          | _        |  | 122        |          | $\perp$                 |   | _        | <u>L</u> |          | _            | L              |
|          | 23       | 1               |               | $\perp$   | ļ        |  | Ш               |          | _        |                 | 73       | <u> </u>   |          |          | _        | _          |          | $\perp$  | $\perp$  |          |  | 123        |          | $\perp$                 |   | <u> </u> |          |          | <u></u>      | L              |
|          | 24       | 1               |               | $\perp$   |          |  | Ш               |          | 4        |                 | 74       |  |          |          | _        | _          | _        | _        |          | ╧        |  | 124        |          |                         |   | ┸        |          |          |              |                |
|          | 25       | 1               |               | _         | ╙        | L  |                 |          | _        |                 | 75       |  | Щ        |          |          | _          | _        | _        |          | _        | ļ  | 125        | $\perp$  | 4                       | $\perp$   | ┸        | ┺        |          | L            | L              |
|          | 26       |                 |               | $\bot$    | <u> </u> |  | Ш               |          | 1        |                 | 76       |  | Ш        |          | _        | _          | _        | 4        |          | 4        |  | 126        | $\perp$  | 1                       | ┸   | ↓_       | _        |          |              | 乚              |
|          | 27       | Ш               |               | _         | 1        |  | Ш               | _        | 4        |                 | 77       |  | Щ        | $\perp$  | _        | _          | 4        | _        | _        | 4        |  | 127        |          | 4                       | $\bot$  | 4        | ╄        |          | <u> </u>     | <u> </u>       |
| <u> </u> | 28       | Н               | $\vdash$      | -         | _        | _  | $\sqcup$        |          | 4        |                 | 78       | _  | Ш        | _        | _        |            |          | -        | 1        | 4        |  | 128        | 1        | -                       | $\bot$  | ╄        | $\perp$  | $\sqcup$ | <b>—</b>     | _              |
|          | 29       | Н               |               | +         | ╄        | _  |                 |          | 4        |                 | 79       | _  | Н        | _        | _        | 4          | -        | -        |          | 4        |  | 129        | _        | 4-                      | $\bot$  | ╀        | -        |          | <u> </u>     | L_             |
| <u> </u> | 30       | _               |               | +-        |          | _  | $\vdash\dashv$  | +        | -        | -               | 80       | _  |          | -        | -        | $\dashv$   |          | $\dashv$ | $\perp$  | 4        | <u> </u>   | 130        | -        | 4                       | +   | ╄        | ╄        | <u> </u> | ⊢            | L_             |
|          | 31<br>32 | Н               |               |           | ⊢        | _  | $\dashv$        | -        |          |                 | 81       |  |          | _        |          |            | -+       | +        |          |          | <u> </u>   | 131        |          |                         | +   | ╄        | ┼        | $\vdash$ | <u> — </u>   | ⊢              |
| <b>-</b> |          | Н               |               | +         | -        | ⊢  |                 | +        | -        |                 | 82       | H  | Н        | _        | $\dashv$ | -          | -+       | $\dashv$ | +        | ┥゛       |  | 132        | -        | +                       | +   | +        | ╀        | 1        | <u> — </u>   | <b>⊢</b> –     |
| -        | 33<br>34 | $\vdash$        |               | +-        | -        | $\vdash$   | Н               | +        | $\dashv$ | $\vdash$        | 83<br>84 | -  | $\vdash$ |          |          |            | $\dashv$ | $\dashv$ | +        | $\dashv$ | <u> </u>   | 133<br>134 | +        | +                       | +   | +-       | +-       | -        | <del> </del> | <del> </del> - |
|          | 35       | Н               | +             | +         | $\vdash$ | -  | ⊢┥              | +        | $\dashv$ |                 | 85       | -  | -        |          | -        | -          | $\dashv$ | +        | +        | $\dashv$ | <u> </u>   | 135        | -        | +                       | +   | +-       | ┼        | $\vdash$ | $\vdash$     | <del>  -</del> |
| <u> </u> | 36       | Н               | <del></del>   | +         | ╁        | <del>                                     </del> | Н               | +        | ┥        |                 | 86       |  | Н        |          | 1        | $\dashv$   | $\dashv$ | $\dashv$ | +        | -        | <b></b>  | 136        | -        | +                       | +   | ╀        | ╁        | -        | $\vdash$     | ⊢              |
|          | 37       | Н               | $\dashv$      | +         | $\vdash$ | $\vdash$   | $\vdash \vdash$ | +        | ┨        |                 | 87       | $\vdash$   | $\vdash$ | $\dashv$ |          | $\dashv$   | $\dashv$ | -+       | +        | ┥        |  | 136        | +        | +                       | +   | +        | +-       | -        |              | $\vdash$       |
| -        | 38       | Н               | +             | +-        | ╁        | $\vdash$   | $\vdash$        | +        |          | $\vdash$        | 88       | $\vdash$   | Н        | $\dashv$ | -        | $\dashv$   | -        | $\dashv$ | +        | ┨ .      | <del> </del>                                     | 137        |          | +                       | +   | ╁        | +        | Н        | <u> </u>     | <del> </del>   |
| <b>—</b> | 39       | Н               |               | +         | ┼        | $\vdash$   | $\vdash \vdash$ | +        | -        |                 | 89       | $\vdash$   | $\vdash$ | -        | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | +        | 4        | -  | 139        | -        | +                       | +-  | +        | +        | $\vdash$ | $\vdash$     | <del> </del>   |
| <u> </u> | 40       | Н               | +             | +         | $\vdash$ | $\vdash$   | ┝╌┤             | -+-      | 1        | $\vdash$        | 90       | $\vdash$   | Н        |          | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | +        | $\dashv$ |  |            | +        | +                       | +   | +        | ╁╌       | $\vdash$ | <del> </del> | $\vdash$       |
| _        | 41       | $\vdash \vdash$ | -             | +         | +        | $\vdash$   | $\vdash \vdash$ | +        | ┨        | ┝╌┤             | 91       | $\vdash$   | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | -+-      | ┥        | -  | 140        | $\dashv$ | +                       | +   | ╁        | +        | $\vdash$ | -            | $\vdash$       |
|          | 42       | $\vdash$        | $\dashv$      | +         |          | $\vdash$   | Н               | +        | 1        |                 | 92       | $\vdash$   | H        | $\dashv$ | $\dashv$ | +          | $\dashv$ | $\dashv$ | +        | $\dashv$ | <del> </del>                                     | 142        | +        | +                       | +   | +-       | +-       | $\vdash$ |              | $\vdash$       |
|          | 43       | $\vdash$        | +             | +         | t        | H  | $\vdash$        | -+-      | 1        | $\vdash$        | 93       | -  | H        |          | $\dashv$ | -          | $\dashv$ | $\dashv$ | +        | 1        | <del>                                     </del> | 143        | $\dashv$ | +                       | +   | +-       | +        | Н        |              | $\vdash$       |
| <b></b>  | 44       | Н               | +             | +         | T        | $\vdash$   | H               | +        | ┥ .      | $\vdash \vdash$ | 94       | $\vdash$   | Н        | $\dashv$ | $\dashv$ | $\dashv$   | -+       | $\dashv$ | +        | Η.       | $\vdash$   | 144        | +        | +                       | +   | +        | ╁╌       | Н        | ·            | $\vdash$       |
|          | 45       | Н               | +             | +         | T        | $\vdash$   | $\vdash$        | +        | 1        |                 | 95       | Н  | Н        | -        | $\dashv$ | +          | $\dashv$ | $\dashv$ | $\dashv$ | ┪        | <b></b>  | 145        | $\dashv$ | +                       | +   | +        | +-       | Н        | $\vdash$     | $\vdash$       |
|          | 46       | Н               | $\dashv$      | $\dagger$ | T        | Н  | $\vdash$        | $\dashv$ | 1        |                 | 96       | $\vdash$   | Н        | $\dashv$ | _        | $\dashv$   | -        | $\dashv$ | +        | ┪        |  | 146        |          | ╅                       | +   | +        | +        | H        |              | $\vdash$       |
|          | 47       |                 | $\dashv$      | $\top$    |          | Н  | $\vdash$        | $\neg$   | 1        | <u> </u>        | 97       | $\vdash$   | Н        | $\dashv$ | -        | -          | +        | $\dashv$ | +        | ┪        |  | 147        | $\dashv$ | +                       | T   | +        | +-       | Н        | $\vdash$     | -              |
|          | 48       | $\vdash$        | 十             | T         |          |  |                 | $\dashv$ | 1        | $\vdash$        | 98       |  | Н        | _        | _        | _          | $\dashv$ | $\dashv$ | $\dashv$ | 1        | Ι  | 148        | $\dashv$ | +                       | 十   | +-       | †-       | Н        | $\neg$       | _              |
|          | 49       |                 |               | $T^-$     |          | Н  | $\Box$          | $\dashv$ | 1        |                 | 99       |  |          | 一        | $\dashv$ | 7          | 寸        | $\dashv$ | $\top$   | 1        |  | 149        | $\dashv$ | +                       | $\top$  | T        | 1        | H        | $\vdash$     | $\vdash$       |
|          | 50       |                 | $\neg \vdash$ | T         | Т        | П  |                 | $\neg$   | 1        |                 | 100      |  | П        | 寸        | _        |            | $\dashv$ | $\dashv$ | $\top$   | 1        |  | 150        | $\dashv$ | $\top$                  | $\top$  | †        | T        | H        | $\neg$       | _              |
|          |          | L               |               | -         | _        | _  |                 |          | _        |                 | , , , ,  |  | ш        |          |          |            | _        |          |          | <b></b>  |  |            |          |                         |   |          |          | لــــا   |              | Щ              |